

Title (en)
BATTERY CHARGING METHOD, AND CHARGING APPARATUS

Title (de)
BATTERIELADEVERFAHREN UND LADEVORRICHTUNG

Title (fr)
PROCÉDÉ DE CHARGE DE BATTERIE ET APPAREIL DE CHARGE

Publication
EP 4366120 A1 20240508 (EN)

Application
EP 22942093 A 20220519

Priority
CN 2022093938 W 20220519

Abstract (en)
This application provides a charge method and charge apparatus for battery, able to effectively charge the battery in low-temperature environments. The charge method includes: obtaining temperature of a battery; when the temperature of the battery is lower than a preset temperature threshold, determining to use a first charge current to charge the battery until the battery meets a preset condition, and then determining to use a second charge current to charge the battery, where the first charge current is used for heating the battery during charging, and the first charge current is greater than the second charge current.

IPC 8 full level
H02J 7/00 (2006.01)

CPC (source: EP US)
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Designated extension state (EPC)
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Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
US 2023378799 A1 20231123; CN 118044093 A 20240514; EP 4366120 A1 20240508; WO 2023221053 A1 20231123

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US 202318361906 A 20230731; CN 2022093938 W 20220519; CN 202280066896 A 20220519; EP 22942093 A 20220519